

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-10. (Cancelled)

11. (Previously Presented) A method for transmitting a plurality of group messages to a plurality of radio communication devices in at least one radio cell of a radio communication network operating according to a universal mobile telecommunication system standard, each radio communication device belonging to one or more defined groups suitable to receive group messages corresponding to that defined group, the method comprising:

assigning each group message to a respectively dedicated shared transport channel corresponding to one of the defined groups;

transmitting toward the plurality of radio communication devices data of a particular group message intended for a particular defined group during at least one time interval;

transmitting to the plurality of radio communication devices a first indicator, corresponding to the particular defined group during the time interval, and configuring assignment information for the assignment of the first indicator such that each of the plurality of radio communication devices can identify the particular defined group based at least on the first indicator and the assignment information to determine whether that radio communication device is suitable to receive the particular group message;

wherein, based on the assignment information, radio communication devices that are not part of the particular defined group pause during the time interval according to an algorithm.

12. (Previously Presented) A method for transmitting a plurality of group messages as claimed in claim 11, further comprising storing the assignment information in table form.

13. (Previously Presented) A method for transmitting a plurality of group messages as claimed in claim 11, further comprising storing the assignment information in list form.

14-15. Cancelled

16. (Previously Presented) A method for transmitting a plurality of group messages as claimed in claim 11, further comprising assigning all radio communication devices of a first region to a first defined group, wherein the particular group message is sent to the radio communication devices assigned at least to the first defined group in a form of a broadcast message.

17. (Cancelled)

18. (Previously Presented) A method for transmitting a plurality of group messages as claimed in claim 11, further comprising transmitting allocation of a transmission time and parameters of the particular defined group message to a specific group via a common channel assigned to at least one dedicated shared transport channel.

19. (Previously Presented) A network controller for transmitting a plurality of group messages a plurality of radio communication devices in at least one radio cell of a radio communication network operating according to a universal mobile telecommunication system standard, each radio communication device belonging to one or more defined groups suitable to receive group messages corresponding to that defined group, comprising:

means for assigning each group message to a respectively dedicated shared transport channel corresponding to one of the defined groups;

means for transmitting toward the plurality of radio communication devices data of a particular group message intended for a particular defined group during at least one time interval;

parts for transmitting to the plurality of radio communication devices a first indicator corresponding to the particular defined group during the time interval, and configuring assignment information for the assignment of the first indicator such that each of the plurality of radio communication devices can identify the particular defined group based at least on the first indicator and the assignment information to determine whether that radio communication device is suitable to receive the particular group message, wherein, based on the assignment information, radio communication devices that are not part of the particular defined group pause during the time interval according to an algorithm.

20. **(Currently Amended)** A radio communication device for receiving at least one group message which is transmitted to a plurality of radio communication devices in at least one radio cell of a radio communication network operating according to a universal mobile telecommunication system standard, each radio communication device belonging to one or more defined groups suitable to receive group messages corresponding to that defined group, comprising:

means for receiving group messages each assigned to a respectively dedicated shared transport channel corresponding to one of the defined groups **group**;

means for receiving data of a particular group message intended for a particular defined group during at least one time interval; **and**

means for receiving a first indicator corresponding to the particular defined group during the time interval and receiving a configured assignment information for indicating the assignment of the first indicator such that each of the plurality of radio communication devices can identify the particular defined group based at least on the received first indicator and the assignment information to determine whether that radio communication device is suitable to receive the particular group message, wherein, based on the assignment information, radio communication devices that are not part of the particular defined group pause during the time interval according to an algorithm.

21. (Previously Presented) A method for transmitting a plurality of group messages to a plurality of radio communication devices over a plurality of different transport channels mapped onto the same composite transport channel in at least one radio cell of a radio communication network operating according to a universal mobile telecommunication system standard, each radio communication device belonging to one or more defined groups suitable to receive group messages corresponding to that defined group, the method comprising:

storing at each radio communication device a set of device-specific configurations defining links between one or more indicators and one or more corresponding group-related values as a function of the number and identity of the defined groups to which that device belongs, wherein for certain radio communication devices, the group-related values linked to the same indicator are different;

assigning each group message to a respectively dedicated shared transport channel corresponding to one of the defined groups;

transmitting toward the plurality of radio communication devices data of a particular group message intended for a particular defined group during at least one time interval;

transmitting to the plurality of radio communication devices a first indicator, corresponding to the particular defined group during the time interval, such that each of the plurality of radio communication devices can access from its stored device-specific configurations the group-related values, if any, linked to the first indicator in order to determine whether that radio communication device is suitable to receive the particular group message.

22. (Currently Amended) A method for transmitting a plurality of group messages as claimed in claim ~~[[14]]~~ 21, wherein radio communication devices that are not part of the particular defined group pause during the time interval according to the device-specific configurations accessed by each of the radio communication devices.

23. **(Currently Amended)** A method for transmitting a plurality of group messages as claimed in claim ~~[[11]]~~ 21, further comprising assigning all radio communication devices of a first region to a first defined group, wherein the particular group message is sent to the radio communication devices assigned at least to the first defined group in a form of a broadcast message.